



# भारत का राजपत्र

## The Gazette of India

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No. 45]

NEW DELHI, SATURDAY, NOVEMBER 9, 1968 (KARTIKA 18, 1890)

इस भाग में प्रियलंग पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके।  
Separate paging is given to this Part in order that it may be filed as a separate compilation.

## भाग III—खण्ड 2

## PART III—SECTION 2

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और विकाइनों से सम्बन्धित अधिसूचनाएं और नोटिस

## Notifications and Notices issued by the Patent Office relating to Patents and Designs

## THE PATENT OFFICE

## Patents and Designs

Calcutta, the 9th November 1968

## CORRIGENDUM

"The corrigendum issued at item No. (3) under the heading "CORRIGENDA" appearing in columns 1 & 2, page 121 of the Gazette of India, Part III, Section 2 dated the 6th April, 1968 is cancelled."

## Application for Patents

The dates shown in the crescent brackets are the dates claimed under Section 78-A of the Act.

18th October 1968

- 118152. R. Lal. Yojee (Ayurvedic preparations).
- 118153. R. Lal. Sanjeevani-forte (Ayurvedic preparation).
- 118154. R. Lal. Rochak-vati.
- 118155. R. Lal. Liver-62 (Ayurvedic preparation).
- 118156. R. Lal. Femiton (Ayurvedic preparation).
- 118157. R. Lal. Coguton (Ayurvedic preparation).
- 118158. R. Lal. Afarin (Ayurvedic preparation).
- 118159. R. Lal. Bresiite (Ayurvedic preparation).
- 118160. Pavlovo-Posadsky Kondensatorny Zavod. Machine for producing packets of mica capacitors.
- 118161. Ciba Limited. 3-Aza-19-hydroxy-3, 19-cyclo-a-homo-steroids and a process for their manufacture.
- 118162. Ciba Limited. Process for the manufacture of 3-cycloalkylaraliphatic acids.
- 118163. The Metal Box Company Limited. Improvements in carton erecting apparatus. (19th October 1967).

(419)

- 118164. Kyowa Hakko Kogyo Kabushiki Kaisha. Process and composition for retaining the freshness of foodstuffs. [Addition to No. 117491].
- 118165. N. V. Philips Gloeilampenfabriken. Method of crystallizing a binary semiconductor compound.
- 118166. Pirelli Societa Per Azioni. Improvements in or relating to coaxial telecommunications cables.
- 118167. Helix Devices (Proprietary) Limited. Positive displacement device.
- 118168. Gray Industries Inc. Method and apparatus for controlling microorganisms and/or enzymes.
- 118169. C. A. V. Limited. Liquid fuel injection nozzle units. (25th October 1967).
- 118170. C. C. White. Roof support of underground mines and openings.
- 118171. D. P. Ahuja. Adjustable ripper tip.
- 118172. John Wyeth & Brother Limited. Heterocyclic compounds. (26th October 1967).
- 118173. Joseph Lucas (Industries) Limited. Headlamp assemblies for road vehicles. (27th October 1967).
- 118174. Joseph Lucas (Industries) Limited. Electrical systems for road vehicles. (30th October 1967).
- 118175. Tecalemit (Hind) Ltd., Fluid pump. (18th October 1967).

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- 118176. S. Natarajan. Water pressure reducer cistern.
- 118177. Sumitomo Chemical Co. Ltd. A novel carbamate and the insecticidal composition containing the same.
- 118178. S. S. Ponkshe and M. D. Bhate. A rolling device for cleaning garments.

118179. S. V. Tathavadkar. An improved chemical compound for preventing accumulation of fog and rain drops over wind-shield glass of an automobile.

118180. Solar Laboratories Inc. Method and application of orthopedic applicances with an ultraviolet curable plastic impregnated bandage.

118181. T. A. Thomas. Automatic electric rice cooker.

118182. Joseph Lucas (Industries) Limited. Full wave rectifier assemblies. (3rd November 1967).

118183. The Borden Chemical Company (UK) Limited. Improvements in or relating to the production of foundry moulding mixtures. (14th November 1967).

118184. Mefima S. A. Improved mount for pivotally supporting an electric motor.

22nd October 1968

118185. Mrs. Khairunnisa Sajjad Bandookwala. Improvements in or relating to cigarette or gas lighters.

118186. A. N. D' Silva. Vacumatic hair-clipping and/or shaving machine.

118187. Council of Scientific and Industrial Research. A process for preparation of raisins from pusa seedless variety of grapes.

118188. Council of Scientific and Industrial Research. Improvements in and relating to manufacture and use of bricks or blocks for masonry work.

118189. Council of Scientific and Industrial Research. A new process for the production of carbon black from coal.

118190. H. T. Shah. Stand for electric (press) iron.

118191. S. D. Narandas. Improvements in or relating to conical funnel for filtering liquids.

118192. Allied Research Associates, Inc. Automatic firearms and ammunition therefor.

118193. B. D. H. Chemicals Limited. Organic compounds. (27th October 1967).

118194. E. I. Du Pont De Nemours and Company. Improved steam trap design and method.

118195. American Cyanamid Company. Phenylpropiofonones and method of use.

118196. Combustion Engineering, Inc. Bending apparatus.

118197. Pullman Incorporated. Ball valve.

118198. Etablissements J. B. Gabriels S. P. R. L. Process for coating inner surface of metallic containers and containers resulting from said process.

118199. Lansing Bagnall Limited. Improvements in or relating to industrial lift trucks. (26th October 1967).

118200. Albiswerk Zurich A. G. Improvements in or relating to operating devices for electrical switches. (13th June 1968).

118201. W. Tangen. Life saving raft.

118202. W. J. Weeks. Line charging and pneumatic conveying apparatus.

118203. The Procter & Gamble Company. Compressible laminated paper structure.

118204. D. P. Ahuja. Steroid ketone derivative preparation.

118205. Chas. Pfizer & Co., Inc. Nitrogen heterocycles. (20th November 1967).

118206. Merck & Co., Inc. Process for production of antibiotics.

118207. Merck & Co., Inc. Process for preparing propenyl phosphenic acid.

118208. Merck & Co., Inc. Epoxidation process.

118209. Merck & Co., Inc. Chemical processes.

118210. Merck & Co., Inc. Cis-propenyl compounds and processes.

118211. Merck & Co., Inc. Antibacterial compounds and methods of making.

118212. Merck & Co., Inc. Processes for preparing anhydrides.

118213. Merck & Co., Inc. Inversion process.

118214. Merck & Co., Inc. Resolution processes.

118215. Merck & Co., Inc. Antibiotic substances and intermediates therefor.

118216. Merck & Co., Inc. Preparation of antibacterial agents.

118217. Shulton, Inc. Improvements in or relating to closures for containers.

118218. O. C. Ward. Furniture leg construction.

118219. National Distillers and Chemical Corporation. Alkyl thiophenyl phosphites and enhancement of resistance of olefin polymers to heat deterioration employing such phosphite alone and with hindered phenols and/or carbon black.

118220. Hercules Incorporated. A process of reducing the viscosity of an epihalohydrin polymers.

118221. Veb Starkstrom-Anlagenbau Erfurt. Earthing device, especially for encapsulated high-tension switchgears with trucktype units. (19th December 1967).

118222. Schering Aktiengesellschaft. Optically active  $17\beta$ -hydroxy-and  $17\beta$ -acyloxy- $18$ -methyl- $\beta^4$ -androst-en-3-ones.

118223. Schering Aktiengesellschaft. Dehydroepiandrosterone esters.

118224. Schering Aktiengesellschaft. Process for the manufacture of  $3\beta$ -hydroxy- $\Delta^5(10)$ -steroids.

118225. E. G. Rao. Improvements in or relating to structural members and the like.

118226. B. Chennakesavan. Process for bleaching of barytes.

118227. K. Parthasarathy. Lock with double key operation.

118228. K. Parthasarathy. A single phasing preventor for three phase electric motors.

118229. K. Parthasarathy. An improved electric 3 pin wall socket and plug.

118230. K. Parthasarathy. A press-type fountainpen.

118231. K. Parthasarathy. An improved electric water heater.

118232. K. Parthasarathy. An insulator for joints in electric wires.

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118233. Orissa Cement Limited. Improved refractory articles.

118234. Farbwerks Hoechst Aktiengesellschaft Vormals Meister Lucius & Bruning. Fiber-reactive phthalocyanine dyes and process for making same.

118235. The Mead Corporation. Transparent overlay.

118236. Agripat S. A. Method and apparatus for stripping cyanogen chloride from a reaction medium.

118237. Agripat S. A. Method and apparatus for sparing chloring into a reactor for producing cyanogen chloride.

118238. Imperial Chemical Industries Limited. Electrodes for use in aqueous alkali metal chloride electrolytes. (10th November 1967).

118239. Canadian Industries Limited. Explosive package. (7th November 1967).

118240. Babcock & Wilcox Limited. Improvements in or relating to pulverizing mill. [Addition to No. 110453].

118241. Boehringer Ingelheim GmbH. Process for the production of novel substituted 3-aminoxydronamines. [Addition to No. 111801].

118242. Roussel—Uclaf. Process for the preparation of novel 5-methoxy des-A-19-nor steroids, and the steroids so prepared. (4th November 1965). (Divisional date 3rd November 1966).

118243. Roussel—Uclaf. Process for the preparation of novel des-A-19-nor-5-one steroids, and the steroids so prepared. (4th November 1965). (Divisional date 3rd November 1966).

118244. Roussel—Uclaf. Processes for the preparation of novel des-A-19-nor-5(10), 9(11)-diene steroids, and the steroids so prepared. (4th November 1965). (Divisional date 3rd November 1966).

118245. Roussel—Uclaf. Processes for the preparation of novel 4, 5-seco-19-nor-2, 5(10), 9(11)-triene steroids, and the steroids so prepared. (4th November 1965). (Divisional date 3rd November 1966).

118246. Roussel—Uclaf. Processes for the preparation of novel 4, 5-seco-19-nor-2, 9, 11-triene steroids, and the steroids so prepared. (4th November 1965). (Divisional date 3rd November 1966).

118247. Roussel—Uclaf. Processes for the preparation of novel 4, 5-seco-19-nor-2, 9, 11-triene-5, 20-dione steroids, and the steroids so prepared. (4th November 1965). (Divisional date 3rd November 1966).

118248. Csepeli Femuu. Improvements in or relating to cold-rolled steel strip and sheet.

118249. Badische Anilin-& Soda-Fabrik Aktiengesellschaft. Removing water vapor from cracked gases.

118250. C. J. Industries (Lnl). Improvements in or relating to grips for articles which require to be gripped firmly.

118251. Chevron Research Company. Catalytic reforming process.

118252. Stauffer Chemical Company. Chlorination of hydrocarbons.

118253. Amsted Industries Incorporated. Mold stopper.

118254. Incorporated Steels (India) Private Limited. Improvements in or relating to work stands.

118255. Montecatini Edison S.p.A. Substances stabilizing betafluoroethyl biphenylacetate.

24th October 1968

118256. Council of Scientific and Industrial Research. Improvements in or relating to electrolytes for the electrochemical marking on metals.

118257. (Ramaswami) Krishnaswami. Electrical locking of telephones.

118258. Siemens Aktiengesellschaft. Electric machine.

118259. Uralsky Zavod Tyazhelogo Mashinostroenia Im. S. Ordzhonikidze. Racking device of installations for flame cutting of metals.

118260. Lansing Bagnall Limited. Improvements in or relating to industrial lift trucks. (26th October 1967).

118261. Universal Oil Products Company. Preparation of hydrodesulfurization catalysts.

118262. Universal Oil Products Company. Hydrocarbon separation process.

118263. American Home Products Corporation. 13-alkyl-gonanes.

118264. Farbenfabriken Bayer Aktiengesellschaft. Arylsulphonamyl ureas containing heterocyclic acylamino groups.

118265. Ruhrchemie Aktiengesellschaft. Process for the production of aldehydes.

118266. Rhone-Poulenc S. A. New cyclopeptides.

118267. Merck & Co., Inc. Antibiotics and processes for preparing.

118268. Institut Francais Du Petrole, Des Carburants Et Lubrifiants. New process for treating petroleum cuts.

118269. Institut Francais Du Petrole, Des Carburants Et Lubrifiants. Improvements in the manufacture of polymers and resulting polymers.

118270. Sandoz Ltd. Process for the production of perborates.

118271. The Solartron Electronic Group Limited. Improvements in analogue to digital converters. (25th October 1967).

118272. Ciba Limited. Process for the manufacture of sugar derivatives.

118273. Ciba Limited. New 4-oxo-19-nor-a-homo-steroid dienes and a process for their manufacture.

118274. The Plessey Company Limited. Improvements in or relating to inorganic oxides. (26th October 1967).

25th October 1968

118275. Sri S. K. Sen. A special volume-adjustable container.

118276. Veb Elektrogeratwerk Gornsdorf. Process for currentless deposition of copper coatings. (22nd April 1968).

118277. Vsesojuzny Nauchno-Issledovatel'sky Institut Antibiotikov. A chemical composition and method for its preparation.

118278. Allied Chemical Corporation. Method of and apparatus for moulding articles.

118279. The Dunlop Company Limited. Flexible sheet materials. (4th November 1967). [Addition to No. 109999].

118280. British Insulated Callender's Cables Limited and W. J. Glover & Co. Limited. Improvements in or relating to soldering flux compositions. (26th October 1967).

118281. Kabushiki Kaisha Negishi Kogyo Kenkyusho. Method and device for rotary conveying of fibers. (6th March 1968).

118282. The Bendix Corporation. A governor device for regulating the speed of a free turbine engine.

118283. Cavitron Corporation. Method and apparatus for joining materials.

118284. S. Chander. Coffee preparing machine.

118285. A. eschenmoser. Process for the manufacture of aldehydes.

118286. Glanzstoff A. G. Process for the production of artificial leather. (26th August 1968).

118287. Ciba of India Limited. New heterocyclic compounds and process for their manufacture.

118288. Ciba Limited. Process for the manufacture of trihalogenalkanes.

118289. Ciba Limited. Process for the manufacture of cycloaliphatic chlorides.

118290. Pneumodynamics Corporation. Machine tool.

118291. Ciba Limited. Process for the manufacture of sugar derivatives. (Divisional date 27th December 1967).

#### Alteration of Date

117159. The application has been deemed to have been made on 7th August 1968.

117280. Ante-dated to 17th February 1967 under Section 5 of the Act.

118012. Ante-dated to 11th January 1967 under Section 5 of the Act.

#### Applications Accepted

Notice is hereby given that all persons interested in opposing the grant of patents on any one of the applications referred to below may at any time within four months of the date of the Gazette of India give notice to the Patent's office in the prescribed form No. 6 of the Indian Patents and Designs Rules, 1933, of such opposition.

A limited number of printed copies of the specifications in the following list will be available for sale from the Government of India Book Depot, 8, Hastings Street, Calcutta, in due course. The price of each specification is Rs. 2 (postage extra, if sent out of India). Requisition for the supply of printed specifications should be accompanied by the numbers of specifications as shown in the following list.

If required typed copies of the specifications together with copies of drawings, if any, can be supplied by the Patent Office on payment of the necessary charges which may be ascertained on application to the office.

The dates shown in crescent brackets are the dates allowed under Section 78-A of the Act.

78507. A. E. Staley Manufacturing Co. Production of crystalline glucose. Accepted on 20th May 1963.

*Interacting starch and H<sub>2</sub>O in presence of α-amylase or strong mineral acids, further saccharifying with a amyloglucosidase, concentrating the liquor obtained, and adjusting to 20–54°C, seeding all separating another liquor from crystalline glucose.*

80526. Societe Anonyme Des Caves Et Des Producteurs Reunis De Roquefort. A process for the making of a cheese having ewe's milk as chief ingredient. Accepted on 22nd September 1964.

*Cheese having ewe's milk as main constituent, characterised in that it consists in preparing with the milk blocks of curd, storing these blocks in a brine until it is desired to manufacture the cheese, removing the blocks of curd from the brine and melting these blocks.*

80661. Tokyo Shibaura Denki Kabushiki Kaisha. Automatic rice cookers. Accepted on 15th December 1964.

*Comprising energising electric heater to heat rice and water, de-energising electric heater in response to an abrupt temperature rise of kettle where nearly all of water has been absorbed by the rice particles, repeating energisation and de-energisation of electric heater at a temperature lower than abruptly increased temperature but sufficient to continue alphanisation and drying of boiled rice, by means of a time delay device which initiates its timing operation from first de-energisation.*

81020. J. G. Gajjar. Improvements in or relating to a method of making puries, chapatties and like edible preparations. Accepted on 2nd September 1964.

*Comprises the steps of feeding the dough between fixed and rotatable roller so as to be flattened into a sheet and then conveyed by a travelling endless belt and cutting the said sheet material by cutting dices to the required shape as the sheet travels.*

81071. Council of Scientific and Industrial Research. Improvements in or relating to the recovery of nickel and fat from spent nickel hydrogenation catalyst. Accepted on 11th June 1965.

*Glacial acetic acid is added to the colloidal solution obtained by treating the spent catalyst with petroleum ether and the clear solution is decanted and the residue is digested with mineral acid to get the nickel.*

82399. Fmc. Corporation. Dispersing cellulose crystallites. Accepted on 23rd April 1965.

*Stable aqueous colloidal dispersion of cellulose crystallite aggregate associated with at least 0.5% by weight of cellulose crystallite aggregates of a barrier material is dried.*

83308. Ss J. L. Hulett & Sons., Ltd. Process for the preparation of a sugar product. Accepted on 22nd December 1965.

*Comprising the steps of neutralizing the sugar-containing liquid a pH of approximately 8, evaporating the neutralized liquid until the water content is reduced to between 5 and 15 per cent and adding the concentrate in a saturated or super-saturated state to dry particulate material.*

83326. Protein-Conspagnie GmbH. A process for the resolution of oil mill residues. Accepted on 17th September 1965.

*Characterized in that process is carried out in close cycle, that oil-seed residues and the water are fed into closed cyclic system in ratio of 1 : 1.5 to 1 : 20 and fresh water is used for washing out of the separated fibrous matter in counter-flow and finally for mashing-in of the oil-seed residues.*

83369. M. Repasis. Process of refining fats and oils. Accepted on 24th February 1965.

*Refining fatty glyceride stocks using an aqueous alkali solution in the presence of urea amount up to 10% and then separating the soap formed from the refined oil.*

83976. The Shapples Corporation. Process, for separating plastic solids from liquids having a tendency to become occluded in the solids. Accepted on 22nd April 1965.

*Characterised by subjecting the oil to a zone of centrifugation and intermittently and automatically outwardly extruding an outermost portion of the accumulated solids through an opening in the periphery of the zone.*

84652. V. N. Shah. Process for extraction of oil from oil bearing materials in batch type solvent extraction plant. Accepted on 15th June 1965.

*Consisting in extracting oil by circulation of solvent in batch type solvent extraction plant.*

84984. Nestle's Products Limited. A process for preparing a milk powder. Accepted on 8th February 1965.

*Process for preparing a milk powder comprises a pretreatment by heat of a whole or partially skinned milk and subsequent concentration, homogenization and spray-drying and after this the powder particles are atleast partially coated with a substance composed, at least in part of the milk fat fraction which is liquid at low temperature.*

97076. Davidson & Company Limited. Improvements in or relating to the treatment of tea leaf. (17th December 1963). Accepted on 23rd October 1968.

*Comprises feeding partly processed tea leaf to the higher end of a rotating drum which is inclined to the horizontal from one axial end to the other and feeding air conditioned to a predetermined temperature and degree of humidity, into the rotating drum the rotation of the drum causing the tea leaf to cascade through the air.*

104150. A. R. Fernandez. Condensed coffee and tea. Accepted on 5th January 1968.

*Distilling coffee or tea soaked in water, bolling the residue, filtering, combining the distilled essence with filtrate and condensed milk containing sugar and adding spray-dried coffee or tea.*

105027. Hindustan Lever Limited. Process and apparatus for chemically reacting a gas with a liquid. Accepted on 2nd August 1967.

*Feeding liquid reactant on to one surface of a rapidly rotating disc of a heat conductive material, exposing the liquid film to the gaseous reactant and as the film flows across the disc removing the exothermic heat of reaction or supplying endothermic heat of reaction.*

108793. American Cyanamid Company. Method of preparing contact insecticides and compositions containing same. Accepted on 9th October 1968.

*P-hydroxythiobenzamide is reacted with 0.0-dimethylphosphonyl chloride in the presence of a base.*

108832. Union Carbide Corporation. 4-(methyl-carbamoyloxy) carbanilates and process for the preparation thereof. Accepted on 11th October 1968.

*Reacting 4-hydroxycarbanilate compound with CH-N-C=O in molar ratio of 1:1 to 1:10 in presence of catalyst at 1-10 atmospheres and 10-125°C.*

108837. Vsesojuzny ordena Lenina Elektrotekhnichesky Institut imeni V. I. Lenina. Symmetrical thyristor. Accepted on 11th October 1968.

*Comprising a multilayer structure of n-p-n-p-n type, with control electrode and shunted external layers.*

108845. Toyo Boseki Kabushiki Kaisha. An improved lap forming and doffing method and its apparatus. Accepted on 14th October 1968.

*Comprising detachably and rotatably supporting an empty mandrel disposed said mandrel on a rotating lap roller and feeding a sheet of fibres to a contact line of said mandrel with said lap roller.*

108862. Huck Manufacturing Company. Structural unit. (11th November 1966). Accepted on 16th October 1968.

*Comprising inserting a pin through aligned openings in the assembled members, said pin having a head and a shank which has screw threads adjacent the end opposite to the head, applying torque to a collar threaded on to the shank and crimping the collar on to locking groove or grooves on the shank.*

109010. Rhone-Poulenc S. A. Fungicidal compositions. Accepted on 24th October 1968.

*Comprises as an active ingredient, 3-phenylin-dazole with at least one compatible fungicidal diluent.*

109040. Ministerul Industriei Constructiilor. Method for obtaining ceramic products with ornamental relief. Accepted on 19th October 1968.

*Characterised by that the relief is obtained by cutting the clay cake with a device having at least one shaped filiform cutter.*

109097. Uniroyal, Inc., formerly known as United States Rubber Company. Mixture of alkylbenzyl adducts of polyethylenimine with hydrocarbon polymer capable of dyeing with water soluble anionic dyes. [Addition to No. 99973]. Accepted on 18th October 1968.

*Comprises in blending the polymer with the polyethylenimine and the mixture containing at least 1 p.c. by weight of nitrogen.*

109146. United States Steel Corporation. Apparatus for continuously electroplating a metallic strip. Accepted on 24th October 1968.

*Comprising a rotatable member mounted with in the tank, a pair of guide rolls, peripheral contact means, an arcute anode, means for supplying plating current, it a sealing device.*

109194. Catalysts and Chemicals, Inc. Improvements in steam-gas reforming. Accepted on 16th October 1968.

*Comprises in testing the gas stream for sulphur containing compound and withdrawing the same from the contact with for temperature catalyst where the it exceeds 1 part per million.*

109203. Ministerstvo Tsvetnoi Metallurgii, pl. Nogina. A method of processing ores and concentrates, containing rare metals, and a unit for effecting said method. Accepted on 19th October 1968.

*Characterised in that the oxygen is supplied in the form of eddy flows.*

109258. B. Garodia. Step voltage regulator. Accepted on 18th October 1968.

*Comprising a transformer at least two control circuits connected to the first and second secondary of the transformer which operate relays to provide a suitable contact on the terminals on the transformer secondary depending on the transformer input voltage.*

109283. Catalysts and Chemicals, Inc. Improvements in or relating to the preparation of calcium aluminate cement catalysts in pellet form. (16th March 1960). Accepted on 22nd October 1968.

*Comprises subsequent to a hydraulic set at ordinary temp, steam treating the pellets with at least 20 psig steam for a time sufficient to bring their temp upto to team temperature and to develop a DWL crush strength in the pellets of at least 74 pounds due to resulting hydrothermal reaction.*

109347. Tokyo Shibaura Electric Company Limited. A method of bonding parts together by means of a molten vitreous composition. Accepted on 19th October 1968.

*Comprising the steps of immersing portions of component parts to be united together in contact with or in a close proximity to each other in a body of a molten vitreous composition, passing current through the upper treatment layer of the molten composition and drawing up the immersed parts.*

109396. C. A. Andritsos. Tooth brush gum massaging with nozzles and auxiliary accessories for tooth cleaning and gum massaging, with or without use of tooth paste, by supply of water, or of therapeutic solution, and manner and means of its construction. Accepted on 18th October 1968.

*Characterized by that the handle and the tuft carrying portion are provided with a passage extending throughout the length of the said handle and said tuft carrying portion and in the said tuft carrying portion are formed orifices and that the said orifices communicate with said passage, so that the free end of the handle can be connected to a pipe for supply of water or solution.*

109925. Algemene Kunstzijde Unie N. V. Apparatus and method for winding yarn. Accepted on 27th September, 1968.

*Winding speed . . . . . a programme adjusted . . . to the rate of feed of yarn to the spindle.*

109944. E. I. Du Pont De Nemours and Company. Substituted 2-aminobenzimidazoles, process for preparation of same and compositions containing the same. Accepted on 3rd October 1968.

*Reacting an amminobenzimidazole carboxylic acid ester with one or two equivalents of an alkylchlorothiolformate alkyl chlorothiobis formate, alkylchlorodithioformate or carbon desulfide.*

110091. I. L. Mehta. Candle holder to hold burning candle and to re-make a candle from the remnants of the burnt candle or candles. Accepted on 7th October 1968.

*Comprising a hollow tube to hold the wax for re-making of a candle and a top cover of a crossed wire and an end cover with a hook.*

110161. Dr. E. Schenkel. Spinning or twisting device for textile materials. (4th April 1967). Accepted on 11th October 1968.

*Comprises a spinning member, a high frequency motor provided with rotor, the spinning member is rotatably supported in an air bearing which includes a radially operative airgap and an axially operative air gap.*

110187. Fmc. Corporation. Method of preparing permanently flame-retardant regenerated cellulose filament and the filament so prepared. Accepted on 14th October 1968.

*Characterised in mixing water-insoluble, liquid phosphonitrilic polymer with viscose.*

110216 Fisons Pest Control Limited. Acaricidal compositions containing benzimidazoles. (23rd April 1966) [Addition to No. 99554]. Accepted on 14th October 1968  
*Acaricidal composition containing substituted benzimidazole and a carrier other than water or common organic solvents.*

110228 Montecatini Edison SpA Process for the continuous production of unsaturated aldehydes or unsaturated nitriles from monoolefins and oxygen or monoolefins, ammonia and oxygen respectively Accepted on 17th October 1968  
*In a vapour phase reactor between monoolefin and oxygen or monoolefin, ammonia and oxygen, in a reactor provided with a cyclone to remove catalyst from the fluidized bed, characterized in forming a continuous oxydative regenerating zone inside the reactor.*

110257 The Ganesh Flour Mills Company Limited. Improvements or relating to proteinaceous food products from ground nuts and the like Accepted on 18th October 1968.  
*Ram proteinaceous materials are dried and pressed, the crushed product is rubbed to remove cuticles, the pressed materials are steamed to restore the original shape, and thereafter baked; the baked product is salted and/or spiced, and/or sugared and/or flavoured and packed*

110269 A S D T Y Ortiz and M. C. Jordan. Improvements in cotton harvesting machines. Accepted on 18th October 1968  
*Comprising first gathering unit, first gathering means second gathering unit, second gathering means.*

110272 American Cyanamid Company A process for improving the strength retention and absorption rate of polyglycolic acid filament to be used as a suture. Accepted on 17th October 1968  
*Subjecting polyglycolic acid filament to dry heat at relative humidity below 20% and at temperature from 50 to 190°C for 5 minutes to 5 hours.*

110281 Institut Dr Ing Reinhard Straumann A G Alloys with a small temperature coefficient of elasticity Accepted on 18th October 1968.  
*A paramagnetic metallic structural material with a temperature coefficient of the modulus of elasticity in between  $-10^{-4}$  and  $+10^{-4}$  degree  $^{-1}$  with a high effective density of states of the electrons (N(EF)).*

110286 Universal Oil Products Company Stabilization of rubber Accepted on 19th October 1968.  
*A dry composite containing from about 40% to about 90% by weight of rubber polymer and from about 10% to about 60% by weight of phenylenediamine antiozonant is incorporated in the rubber prior to vulcanization.*

110301 Farbwerke Hoechst Aktiengesellschaft Vormals Meister Lucius & Bruning. Process for the manufacture of polyolefins having a broad molecular weight distribution Accepted on 22nd October 1968  
*Characterised in that a mixture of trivalent titanium compound is used as reduced titanium compound.*

110302 Farbwerke Hoechst Aktiengesellschaft Vormals Meister Lucius & Bruning. Process for the manufacture of polyolefins having a broad molecular weight distribution Accepted on 22nd October 1968.  
*Characterized in using as reduced titanium compound a mixture of titanium compounds.*

110324 C E Taylor. Improvements in intrauterine contraceptive devices Accepted on 19th October 1968  
*Comprising a closed loop of flexible material, said loop having a triangular shape having its legs forming an apex and a base joined by the other two ends of said legs forming resilient hinges whereby the device can be collapsed for insertion*

110380. Kuntsevsky Igolno-Platinny Zavod Imeni Kim. Surgeon's needle Accepted on 24th October 1968  
*Having a means for fixing suture material located in a longitudinal slot which has a springy tongue in one of its ends which covers the slot.*

110409 Council of Scientific and Industrial Research. A process for the preparation of hydrogen sulphide detector tube Accepted on 19th October 1968  
*Comprises a sealed glass tube containing a granular material impregnated with a chemical that changes colour on reaction with hydrogen sulphide gas.*

110478 The Dow Chemical Company Aluminum plating process Accepted on 19th October 1968  
*The decomposition is carried out at a temperature below the thermal decomposition temp. of the hydride in the presence of a catalyst selected from a transition metal or metals.*

110599 Sri A. Appalaswamy and Sri G A Yadav. Improvements in or relating to combination locks Accepted on 19th October 1968.  
*Comprising a metal casing with a U shaped metal hook hinged at the covered end of the said metal casing, a pipe with a horizontal slit and threaded at one end is fixed in the centre of the casing to hold number of rounded metal discs with teeth marked with members and having keyholes in their centre.*

110695 Colgate Palmolive Company An abrasive scouring cleansing composition Accepted on 17th October 1968  
*Comprising a water insoluble in organic siliceous abrasive material, chlorinated trisodium phosphate, a detergent compound, a water soluble biocide salt and a material which adjusts the pH.*

110703 Central Glass Co, Ltd A method for manufacturing highly pure gypsum Accepted on 18th October 1968.  
*Comprising adding to gypsum dihydrate an acid in the presence of crystals of gypsum hemihydrate, transferring the gypsum contained in the resulting slurry into gypsum hemihydrate by maintaining slurry at temperature not lower than a level 30°C higher than the gypsum dihydrate-gypsum hemihydrate transition point, allowing gypsum hemihydrate to grow into large crystals.*

111044 V. D. Roosa. An apparatus for drilling discharge orifices in the tip of a fuel injunction nozzle Accepted on 18th October 1968.  
*Comprising a drill, frame, index plate, means for positioning index plate, a chuck, nozzle tip, discharge orifices*

111812 D P Ahuja. End point quality indicator light for water demineralizer Accepted on 18th October 1968  
*Comprising a body of transparent material, a lamp, electrical conductors resistance elements, means for detachably and sealing mounting the body*

111899 Asahi Kasei Kogyo Kabushiki Kaisha Method and apparatus for extinguishing and cooling carbonized red-hot charcoal Accepted on 22nd October 1968  
*Comprising contacting red hot charcoal, indirectly with water in sealed condition, and then directly with generated steam*

112537 Babcock & Wilcox Limited Improvements in means for controlled dissipation of heat (4th October 1966) Accepted on 23rd October 1968  
*From an heated tube structure including a closed fluid flow circuit, having connected in series the tube system, the collecting drum circulating, pump means and heat exchange means, arranged to dissipate heat from the fluid, and connected in parallel with the heat exchange means*

112569. Fabbrica Italiana Magneti Marelli S.p.A. Control device for electric windscreen wipers with intermittent working. Accepted on 18th October 1968.

Characterized in that the driving motor of the wiper is subjected to a braking action, each time the end-stroke contact is open or the change-over switch is at rest or in the intermittent position.

112908. R. Tsuzuki. Process for building a multi-storey building. Accepted on 19th October 1968.

Comprising erecting and R. C. first storey structure and placing on it at least one pre-assembled basket shaped frame having at least two laterally spaced truss frames joined by laterally extending frame members to form a second storey.

113084. Svenska Rotor Maskiner Aktiebolag. A bundle of heat exchange elements for heat exchangers or the like. Accepted on 18th October 1968.

Comprising a series of substantially parallel heat absorbent plates in juxtaposed relation defining walls for fluid passageways between ends thereof, spacers are provided between juxtaposed plates providing said passageways with a predetermined distance between walls.

113339. Heinrich Koppers Gesellschaft Mit Beschränkter Haftung. Process for the catalytic refining of hydrocarbons containing organic sulphur compounds. Accepted on 17th October 1968.

Passing hydrocarbon vapours mixed with one half to two third free hydrogen containing gas at 250—450°C at 40 atmospheric pressure through reactor charged with highly active nickel catalyst and space velocity of 200—500.

113380. Detexomat Limited. Improvements in or relating to device for detecting breakage of a thread, more particularly in textile machinery. Accepted on 17th October 1968.

Comprises a plurality of feelers each feeler being adapted to frictionally engage a respective thread means to intermittently rock the feelers, and means responsive to any feeler remaining in the retarded position due to a broken thread to effect a visual or audible warning.

113644. Orissa Cement Limited. Improved refractory compositions and articles made therefrom. Accepted on 24th October 1968.

Intimately mixing magnesium silicate minerals with magnesium silicate content 85 to 100% with such amounts of fine particles of magnesite and/or chromite that the ratio of MgO : SiO<sub>2</sub> is maintained at a range of 1 : 1 to 1 : 1.5, adding water to mix, shaping the wet mix, and finally drying and firing the shaped articles at above 1400°C.

113687. J. Zimmer. Improvements in or relating to a repeat transmission. Accepted on 17th October 1968.

A repeat transmission for the precise repeat adjustment of two or more rotating operating parts, preferably in machines for the treatment of flat-shaped materials especially in printing machines, the devices co-ordinated to the different working operations being driven by common driving shaft.

113702. A. S. Lakshmipathy. A novel marking device for use in row planting. Accepted on 17th October 1968.

Comprising two frame works, the first comprising a rotatable rod, having a plurality of spools with coiled length of cord, are fast-mounted, the space between said spools being adjustable said rotatable rod being provided with a handle for rotating said rod in either direction and an idler rod consisting of a plurality of idler-pulleys capable of free rotation.

114231 Shell Internationale Research Maatschappij N. V. Fuel composition with a depressed pour point. (15th March 1967). Accepted on 18th October 1968

A fuel composition with a depressed pour point comprising of a wax-containing hydrocarbon fuel of which the waxes at least partly consist of waxes with a melting point above 35°C and a boiling point above 350°C and one or more polymers of olefinically unsaturated compounds.

114262 Farbwerke Hoechst Aktiengesellschaft Vormals Meister Lucius & Brüning. Process for the manufacture of vinyl acetate. Accepted on 18th October 1968.

Comprises adding 1 to 20 moles of a pyridine base per 1 gram atom of palladium.

114365 Libbey-Owens-Ford Glass Company. Sheet supporting and conveying apparatus. Accepted on 18th October 1968.

Comprising a driven shaft, a load supporting sleeve rotatable on the shaft and means coupling the shaft and sleeve together for simultaneous rotary movement.

114404. Indian Oxygen Limited. Apparatus for metering a mixture of gas and liquid. (8th February 1967). Accepted on 19th October 1968.

Comprising a phase separation vessel having a fluid inlet, a gas metering device, a liquid metering device and phase uniting means.

114705. S. M. Takle and R. Andrews. An improved corn sheller. Accepted 22nd October 1968.

Grains being threshed by presenting the cobs through a set of hoppers to a set of bevel gears, closely spiked wheel in between the bevel gears and a blower located beneath the threshing wheels above.

114714. Joseph Lucas (Industries) Limited. Ignition distributors. (20th March 1967). Accepted on 17th October 1968.

A casing with a cam shaft rotatable within it and carrying the rotor arm of the distributor, a fixing plate secured within the casing, a correction plate movable substantially radially with respect to said shaft and a timing plate engaged with the correction plate for movement angularly relative thereto and carrying the contact breaker assembly of the distributor.

115137. Libbey-Owens-Ford Glass Company. Sheet supporting and conveying apparatus. Accepted on 17th October 1968.

A rotary conveying and supporting apparatus for movably supporting both flat and bent sheets.

115233. A. Racek. Gas-fuelled lighter. Accepted on 17th October 1968.

A gas-fuelled lighter which comprises a resilient throttling member, which serves for regulating the gas stream and the height of the flame and which is adapted to be compressed by an adjusting member, which is movable relative to the throttling member.

115243. Joseph Lucas (Industries) Limited. Electrical switches. (15th May 1967). Accepted on 18th October 1968.

Wherein detent means are provided acting between the body of the switch on an operating member operating contact for maintaining the member in a position to keep the contacts in open or close position.

117280. Tokyo Shibaura Electric Company Limited. Method of separating a molten vitreous composition adhered to parts to be united together. [Divisional date 17th February 1967]. Accepted on 19th October 1968.

Comprising the steps of drawing up the immersed portion of the parts and passing current through the suspended unseparated portion of the molten composition between the sides of the parts to be joined.

118012. Union Carbide Corporation. Novel organic pesticides. [Divisional date 11th January 1967]. Accepted on 11th October 1968.

*Comprising 4-(methyl-carbamcyloxy) carbamate compound and carrier and/or diluent therefor.*

#### Patents Sealed

(1)

96899, 103453, 103567, 103722, 103778, 103880, 103932.  
104055, 104064, 104183, 104276, 104353, 104354, 104433.  
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#### Amendment Proceedings

(1)

Notice is hereby given under Section 17 of the Indian Patents and Designs Act, 1911 that Minnesota Mining And Manufacturing Company, a Corporation of the State of Delaware, United States of America of 2501 Hudson Road; Maplewood, St. Paul, Minnesota, U.S.A. seek leave to

amend the description in the specification in respect of the patent application No. 86281. Any person desirous of opposing the application for amendment should at any time within three months from the date of this Gazette, give notice of his intention to do so on the prescribed form (form 6 of the Indian Patents and Designs Rules 1933) in the Patent Office, 214, Lower Circular Road, Calcutta-17. The Proposed amendment may be seen free of charge at the Patent Office or copies thereof may be obtained from the Patent Office, on payment of the usual charges.

(2)

Notice is hereby given under Section 17 of the Indian Patents and Designs Act, 1911 that Rohm And Haas Company, a corporation organised under the laws of the State of Delaware, United States of America, of Independence Mall West, Philadelphia, Pennsylvania 19105, U.S.A. seek leave to amend the description and claims in the specification and drawings in respect of the patent application No 106829. Any person desirous of opposing the application for amendment should at any time within the three months from the date of this Gazette, give notice of his intention to do so on the prescribed form (form 6 of the Indian Patents and Designs Rules, 1933) in the Patent Office, 214, Lower Circular Road, Calcutta-17. The proposed amendment may be seen free of charge at the Patent Office or copies thereof may be obtained from the Patent Office, on payment of the usual charges.

(3)

Notice is hereby given under Section 17 of the Indian Patents and Designs Act, 1911 that Siderpatents S.A., of Lugano, Switzerland, a Swiss Company, seek leave to amend the description and claim in the specification in respect of the patent application No. 107389. Any person desirous of opposing the application for amendment should at any time within three months from the date of this Gazette, give notice of his intention to do so on the prescribed form (form 6 of the Indian Patents and Designs Rules 1933) in the Patent Office, 214, Lower Circular Road, Calcutta-17. The Proposed amendment may be seen free of charge at the Patent Office or copies thereof may be obtain from the Patent Office, on payment of the usual charges.

(4)

The amendment proposed by Esso Research and Engineering Company in respect of Patent application No. 94362 as advertised in the Gazette of India Part III, Section 2, dated 25-2-67 has been refused.

(5)

The amendment proposed by R. Podolsky in respect of Patent application No. 106405 as advertised in the Gazette of India, Part III, Section 2, dated the 29th June, 1968 has been allowed.

#### Renewal Fees Paid

50597, 50649, 50825, 53063, 53082, 53089, 53090, 53091.  
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 99111. 100978. 101403. 101966. 102244. 102336. 102337.  
 102537. 102557. 102599. 102691. 105200.

**Registration of Designs**

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Indian Patents and Designs Act.

The date shown in each entry is the date of registration of the design, including the entry.

The dates shown in crescent brackets are the dates claimed under Section 78-A of the Act.

**Class 9.** Nos. 133835 to 133839. Hindustan Embroidery Mills Private Limited, Chheharta (Nri. Amritsar), Punjab, India, Nationality Indian Firm, (a Private Limited Company incorporated under the Indian Companies Act), "Lace". May 22, 1968.

**Class 13.** Nos. 132952 and 132953. Sovrin Knit Works, Fategarh Road, Amritsar (Punjab), a registered firm of Indian Nationality, "Textile goods", January 30, 1968.

**Class 13.** Nos. 133096 to 133098. Jiyajeerao Cotton Mills Ltd., Indian Company, Birlanagar (Gwalior), "Textile goods", February 15, 1968.

**Class 13.** No. 133250 Dhruva Knitting Industries, (a Registered partnership firm), Islamabad, P.O. Khalsa College, Amritsar (Punjab), "Knitted fabrics" (Textile piecegoods), February 27, 1968.

**Class 13.** No. 134372. The Phoenix Mills Limited, an Indian Company, Tulsi Pipe Line Road, Lower Parel, Bombay-13, Maharashtra State, "Textile goods", August 13, 1968.

**Class 13.** Nos. 132476 to 132479. Sovrin Knit Works, Fategarh Road, Amritsar (Punjab), a registered firm of Indian Nationality, "Textile goods", December 14, 1967.

**Class 13.** Nos. 133504 to 133508. Sovrin Knit Works, Fategarh Road, Amritsar (Punjab), a registered firm of Indian Nationality, "Textile goods", April 1, 1968.

**Class 13.** No. 133514. Sovrin Knit Works, Fategarh Road, Amritsar (Punjab), a registered firm of Indian Nationality, "Textile goods", April 2, 1968.

**Class 13.** No. 133516. Sovrin Knit Works, Fategarh Road, Amritsar (Punjab), a registered firm of Indian Nationality, "Textile goods", April 3, 1968.

**Class 13.** Nos. 133526 to 133530. The Crown Spg. & Mfg. Co. Ltd., Sir Vithaldas Chambers, 16 Apollo Street, Fort, Bombay-1, Maharashtra, Nationality—Indian Company, "Textile goods", April 5, 1968.

**Class 13.** Nos. 133611 to 133614. The Bombay Dyeing & Mfg. Co. Ltd., a Public Limited Company, an Indian Company incorporated in India under the Indian Companies Act, 1966, Neville House, Ballard Estate, Fort, Bombay-1, "Cotton textiles", April 17, 1968.

**Class 13.** Nos. 133621, 133622 and 133624 to 133645. Jiyajeerao Cotton Mills Ltd., Indian Company, Birlanagar (Gwalior), "Textile goods", April 20, 1968.

**Class 13.** Nos. 133658 to 133662. The Bombay Dyeing & Mfg. Co. Ltd., a Public Limited Company, an Indian Company incorporated in India under the Indian Companies Act 1866, Neville House, Ballard Estate, Fort, Bombay-1, "Cotton textiles", April 24, 1968.

**Class 13.** Nos. 133690 to 133692. The Bombay Dyeing & Mfg. Co. Ltd., a Public Limited Company, an Indian Company incorporated in India under the Indian Companies Act 1866, Neville House, Ballard Estate, Fort, Bombay-1, "Cotton textiles", April 30, 1968.

**Class 13.** Nos. 133796 and 133797. The Phoenix Mills Limited, an Indian Company, Tulsi Pipe Line Road, Lower Parel, Bombay-13, Maharashtra State, "Textile goods", May 14, 1968.

**Class 13.** No. 133813. The Phoenix Mills Limited, an Indian Company, Tulsi Pipe Line Road, Lower Parel, Bombay-13, Maharashtra State "Textile goods", May 18, 1968.

**Class 13.** Nos. 133874 to 133876. The Bombay Dyeing & Mfg. Co. Ltd., a Public Limited Company, an Indian Company incorporated in India under the Indian Companies Act 1866, Neville House, Ballard Estate, Fort, Bombay-1, "Cotton textiles", May 28, 1968.

**Class 13.** Nos. 133864 to 133869. Hindustan Embroidery Mills Private Limited, Chheharta (Amritsar), Punjab, India, Nationality Indian Firm, (A Private Limited Company incorporated under the Indian Companies Act), "Textile goods", May 25, 1968.

**Class 13.** Nos. 133959 to 133961, 133963 and 113964. The Victoria Mills Limited, an Indian Company, Delisle Road Parel, Bombay-13, "Textile Piecegoods", June 10, 1968.

**Class 13.** No. 133995. The Victoria Mills Limited, an Indian Company, Delisle Road, Parel, Bombay-13, "Textile piecegoods", June 10, 1968.

**Class 14.** Nos. 134194 to 134196. The Victoria Mills Limited, an Indian Company, Delisle Road, Parel, Bombay-13, "Textile piecegoods", July 11, 1968.

**Class 14.** No. 132352. The Crown Spg. & Mfg. Co. Ltd., Gokhale Road (South), Parel, Bombay-13, Maharashtra, Nationality—Indian Company, "Textile goods", December 4, 1967.

**Class 14.** No. 133525. The Crown Spg. & Mfg. Co. Ltd., Sir Vithaldas Chambers, 16, Apollo Street, Fort, Bombay-1, Maharashtra, Nationality—Indian Company, "Textile goods", April 5, 1968.

**Class 14.** Nos. 133955 and 133957. The Victoria Mills Limited, an Indian Company, Delisle Road, Parel, Bombay-13, "Textile piecegoods", June 10, 1968.

**Class 14.** Nos. 133994, 133997 and 133998. The Victoria Mills Limited, an Indian Company, Delisle Road, Parel, Bombay-13, "Textile piecegoods", June 10, 1968.

*Name Index for applicants for patents for the month of September, 1968 (Nos. 117511—117853)*

*Name and Application No.**A*

Achermann, F.—117835.

Achermann, N.—117835.

African Explosives and Chemical Industries Ltd.—117521.

Agarwal, P. D. (Sri)—117569.

<i>Name and Application No.</i>	<i>Name and Application No.</i>
Agripat, S.A.—117845.	Duijndam, J. A. J. M.—117721.
Ahmedabad New Cotton Mills Co. Ltd. The.—117520.	Dunlop Co. Ltd., The—117716.
Aktiebolaget Kamyr—117642, 117719.	E
Aktiebolaget Siefvert & Fornander—117586.	Eckerle, O.—117665.
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Argus Chemical Corp.—117562.	Fajzullabhoy, T. A. K.—117658.
Armeo Steel Corp.—117641.	Fajzullabhoy, T. E.—117658.
Asahi Kasei Kogyo Kabushiki Kaisha—117518.	Fajzullabhoy, T. E.—117658.
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